

Journal of Composites Technology & Research

Author Index

Volume 15, 1993

Number	Issue	Pages
1	Spring	1-72
2	Summer	73-180
3	Fall	181-268
4	Winter	269-351

B

- Bahei-El-Din, YA: *see* Johnson, WS, Mirdamadi, M, and Bahei-El-Din, YA
Bakuckas, JG, Jr. and Johnson, WS: Application of fiber bridging models to fatigue crack growth in unidirectional titanium matrix composites, Fall, 242
 Bennett, R: *see* Delfosse, D, Pageau, G, Bennett, R, and Poursartip, A
Bigelow, CA: Thermal residual stresses in a silicon-carbide/titanium [0/90] laminate, Winter, 304
Blackketter, DM, Walrath, DE, and Hansen, AC: Modeling damage in a plain weave fabric-reinforced composite material, Summer, 136
 Buchanan, DL: *see* Harmon, DM, Finefield, MA, Harter, JA, and Buchanan, DL

C-E

- Cheng, T-H: *see* Klosner, JM and Cheng, T-H
 Dana, O: *see* Jeng, SM, Nguyen, T-HB, Dana, O, and Yang, J-M
Delfosse, D, Pageau, G, Bennett, R, and Poursartip, A: Instrumented impact testing at high velocities, Spring, 38
El-Habak, AMA: Compressive resistance of unidirectional GFRP under high rate of loading, Winter, 311

F

- Farley, GL: *see* Ho, H, Tsai, M-Y, Morton, J, and Farley, GL
Filatovs, GJ and Sadler, RL: Small specimen technique for composites testing, Spring, 59
 Finefield, MA: *see* Harmon, DM, Finefield, MA, Harter, JA, and Buchanan, DL
 Foye, RL: *see* Masters, JE, Foye, RL, Pastore, DM, and Gowayed, YA

G

- Gardini, CA: *see* Salivar, GC and Gardini, CA
 Ghosn, LJ: *see* Telesman, J, Ghosn, LJ, and Kantzos, P
 Gowayed, TA: *see* Masters, JE, Foye, RL, Pastore, DM, and Gowayed, YA

H

Hansen, AC: *see* Blackketter, DM, Walrath, DE, and Hansen, AC
Harmon, DM, Finefield, MA, Harter, JA, and Buchanan, DL: Differences in fatigue and fracture behavior of woven-mat and acrylic binder SCS-6/Ti-15-3 composites, Fall, 225

Harter, JA: *see* Harmon, DM, Finefield, MA, Harter, JA, and Buchanan, DL
Hillberry, BM and Johnson, WS: Fatigue crack spacing in the matrix of a continuous fiber SCS-6/Ti composite, Fall, 210
Ho, H, Tsai, M-Y, Morton, J, and Farley, GL: Experimental procedure for the Iosipescu composite specimen tested in the modified Wyoming fixture, Spring, 52
Hu, H-T: Buckling analyses of fiber-composite laminate shells with material nonlinearity, Fall, 202
Hunson, D: Future challenges for composites, Summer, 178

J

Jackson, WC and Poe, CC, Jr.: Use of impact force as a scale parameter for the impact response of composite laminates, Winter, 282

Jayaraman, K, Reifsnider, KL, and Swain RE:

Elastic and thermal effects in the interphase: Part I. Comments on characterization methods, Spring, 3

Reifsnider, KL, and Swain RE: Elastic and thermal effects in the interphase: Part II. Comments on modeling studies, Spring, 14

Jeng, SM, Nguyen, T-HB, Dana, O, and Yang, J-M: Fatigue cracking of fiber-reinforced titanium matrix composites, Fall, 217
Johnson, WS

Introduction to workshop on crack growth behavior of continuous fiber reinforced titanium matrix composites (TMCs), Fall, 209

Mirdamadi, M, and Bahei-El-Din, YA: Stress-strain analysis of a [0/90]₂ titanium matrix laminate subjected to a generic hypersonic flight profile, Winter, 297

see Bakuckas, JG, Jr. and Johnson, WS
see Hillberry, BM and Johnson, WS

K-L

Kantzos, P: *see* Telesman, J, Ghosn, LJ, and Kantzos, P

Klosner, JM and Cheng, T-H: Effect of thermal stresses on the vibration of composite cantilevered plates, Summer, 123

Kwon, YS and Sankar, BV: Indentation-flexure

and low-velocity impact damage in graphite epoxy laminates, Summer, 101
Lee, SM: Edge crack torsion method for Mode III delamination fracture testing, Fall, 193

M

Mall, S: *see* Robertson, DD and Mall, S
 Martin, RH: *see* O'Brien, TK and Martin, RH
Masters, JE, Foye, RL, Pastore, CM, and Gowayed, YA: Mechanical properties of triaxially braided composites: experimental and analytical results, Summer, 112
 Mirdamadi, M: *see* Johnson, WS, Mirdamadi, M, and Bahei-El-Din, YA
 Morton, J: *see* Ho, H, Tsai, M-Y, Morton, J, and Farley, GL

N-O

Naik, NK and Shembekar, PS: Elastic analysis of woven fabric laminates: Part II. Mixed composites, Spring, 34
see Shembekar, PS, and Naik, NK
 Nguyen, T-HB: *see* Jeng, SM, Nguyen, T-HB, Dana, O, and Yang, J-M
 O'Brien, TK and Martin, RH: Round robin testing for Mode I interlaminar fracture toughness of composite materials, Winter, 269
see Salpekar, SA and O'Brien, TK

P

Pageau, G: *see* Delfosse, D, Pageau, G, Bennett, R, and Poursartip, A
 Pastore, DM: *see* Masters, JE, Foye, RL, Pastore, DM, and Gowayed, YA
 Poe, CC, Jr.: *see* Jackson, WC and Poe, CC, Jr.
 Poursartip, A: *see* Delfosse, D, Pageau, G, Bennett, R, and Poursartip, A

R

Radford, DW: Cure shrinkage induced warpage in flat uni-axial composites, Winter, 290
 Reddy, JN: *see* Reddy, YS and Reddy, JN
Reddy, YS and Reddy, JN: Three-dimensional finite element progressive failure analysis of composite laminates under axial extension, Summer, 73
 Reifsnider, KL: *see* Jayaraman, K, Reifsnider, KL, and Swain RE
Robertson, DD and Mall, S: Micromechanical relations for fiber-reinforced composites using the free transverse shear approach, Fall, 181

S

- Sadler, RL:** *see* Filatovs, GJ and Sadler, RL
Salivar, GC and Gardini, CA: Influence of stress ratio and temperature on the fatigue crack growth rate behavior of ARALL®, Spring, 46
Salpekar, SA
 Analysis of delamination in cross-ply laminates initiating from impact induced matrix cracking, Summer, 88
and O'Brien, TK: Analysis of matrix cracking and local delamination in $(0/\theta/-\theta)_s$ graphite epoxy laminates under tensile load, Summer, 95

- Sankar, BV:** *see* Kwon, YS and Sankar, RV
Schuster, J and Steiner, KV: Ultrasonic back-scattering using digitized full-waveform scanning technique, Summer, 143
Shembekar, PS
and Naik, NK: Elastic analysis of woven fabric laminates: Part I. Off-axis loading, Spring, 23
see Naik, NK and Shembekar, PS
Steiner, KV: *see* Schuster, J and Steiner, KV
Swain, RE: *see* Jayaraman, K, Reifsnider, KL, and Swain RE

T-Y

- Telesman, J, Ghosh, LJ, and Kantzos, P:** Methodology for prediction of fiber bridging effects in composites, Fall, 234
Tsai, M-Y: *see* Ho, H, Tsai, M-Y, Morton, J, and Farley, GL
Walrath, DE: *see* Blackketter, DM, Walrath, DE, and Hansen, AC
Yang, J-M: *see* Jeng, SM, Nguyen, T-HB, Dana, O, and Yang, J-M